CLAIMS

What is claimed is:

1   1.   A system for providing exception handling for a computer program,

2   comprising:

3   means for establishing a plurality of classes of exception types;

4   means for capture an exception;

5   means for providing an exception notice for the exception.

1   2.   The system of claim 1, further comprising:

2   means for determining the exception type.

1   3.   The system of claim 2, wherein said determining means further

2   comprises:

3   means for using an exception dictionary to determine the exception type.

1   4.   The system of claim 1, further comprising:

2   means for continuing processing of the computer program if the exception type

3   of the exception is a valadation exception.

1   5.   The system of claim 1, further comprising:

2   means for propagating the exeception to a central place if the exception type of

3   the exception is not a valadation exception..

1 6. A method for providing exception handling for a computer program, said

2 method comprising steps of:

3   establishing a plurality of classes of exception types;

4   capture an exception;

5   providing an exception notice for the exception.

1 7. The method of claim 6, further comprising the step of:

2   determining the exception type.

1 8. The method of claim 7, wherein said determining step further comprises:

2   using an exception dictionary to determine the exception type.

1 9. The method of claim 6, further comprising the step of:

2   continuing processing of the computer program if the exception type of the

3 exception is a valadation exception.

1 10. The method of claim 6, further comprising the step of:

2   propagating the exeception to a central place if the exception type of the

3 exception is not a valadation exception.

1   11.   A computer readable medium for providing exception handling for a

2   computer program, comprising:

3   logic that establishes a plurality of classes of exception types;

4   logic that captures an exception;

5   providing an exception notice for the exception.

1   12.   The computer readable medium of claim 11, further comprising:

2   logic that determines the exception type.

1   13.   The computer readable medium of claim 12, wherein the logic that

2   determines step further comprises:

3   logic that uses an exception dictionary to determine the exception type.

1   14.   The computer readable medium of claim 13, further comprising:

2   logic that continues processing of the computer program if the exception type of

3   the exception is a valadation exception.

1   15.   The computer readable medium of claim 14, further comprising:

2   logic that propagates the exeception to a central place if the exception type of the

3   exception is not a valadation exception.

1   16.   A system for providing exception handling for a computer program,

2 comprising:

3   a class creator that establishes a plurality of classes of exception types;

4   an exception capture mechanism that captures an exception;

5   an exception notice generator that generates an exception notice for the

6 exception.

1   17.   The system of claim 16, further comprising:

2   an exception determination mechanism that determines the exception type of the

3 exception.

1   18.   The system of claim 17, wherein the exception determination mechanism

2 uses an exception dictionary to determine the exception type.

1   19.   The system of claim 16, further comprising:

2   a processing mechanism that continues processing of the computer program if

3 the exception type of the exception is a valadation exception.

1   20.   The system of claim 16, further comprising:

2   a processing mechanism that continues processing of the computer program if

3 the exception type of the exception is not a valadation exception.